

FIG. 1

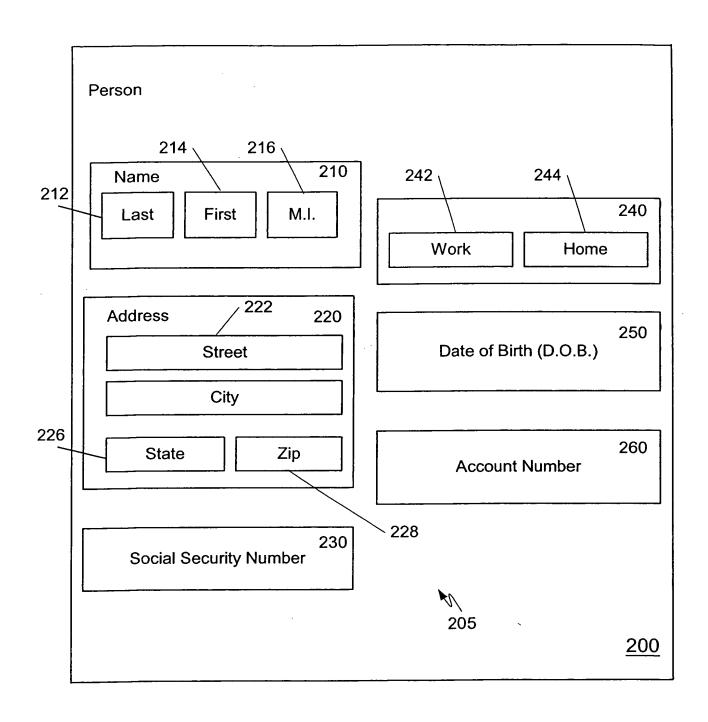


FIG. 2

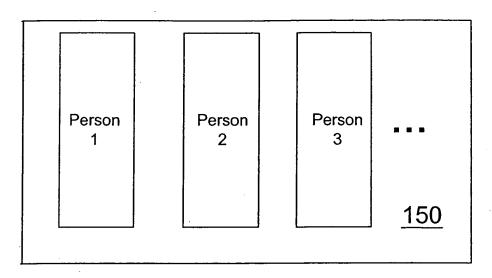


FIG. 3A

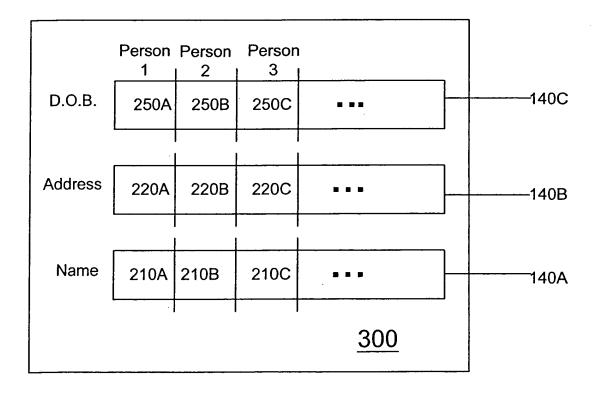
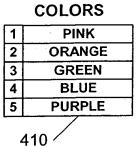


FIG. 3B



SHAPES

1 STARS
2 HORSESHOES
3 DIAMONDS
4 HEARTS
5 CLOVERS

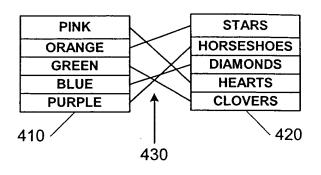


FIG. 4A

FIG. 4B

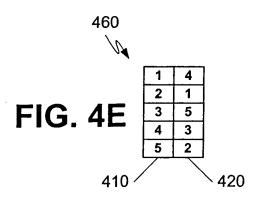


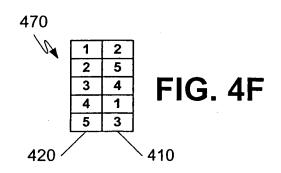
PINK	HEARTS
ORANGE	STARS
GREEN	CLOVERS
BLUE	DIAMONDS
PURPLE	HORSESHOES

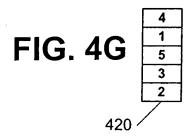
STARS	ORANGE
HORSESHOES	PURPLE
DIAMONDS	BLUE
HEARTS	PINK
CLOVERS	GREEN
420	410

FIG. 4C

FIG. 4D







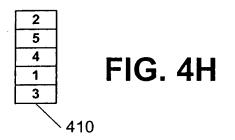


FIG. 5

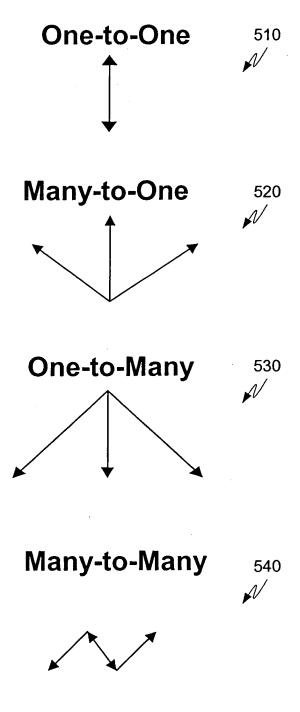


FIG. 6

MMX Files

MM	1F		N	1MR
One to	Many		Many	to One
			-	
12	4		3	57 *
			4	12
0 24	151			
0 24	201		36	57 *
43	212		91	119
* 57	3		151	24 0
* 57	36			
* 57	200			
* 57	213	·	200	57 *
			201	
119	91			
			212	43
			213	
		• 1		

FIG. 7

MMX Files

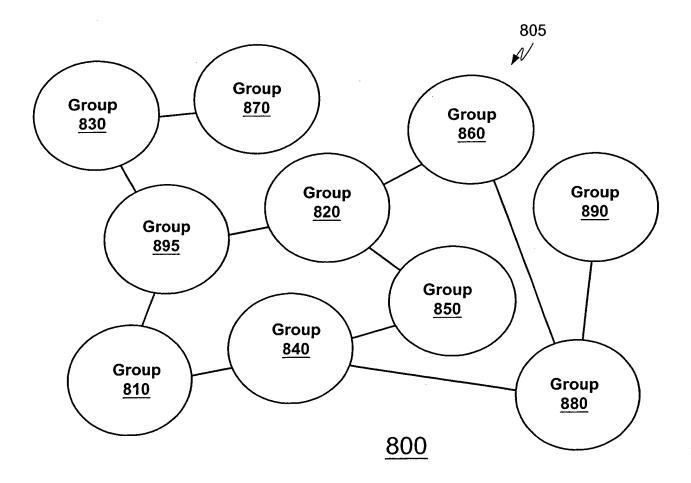
M	N	IF

Many to Many' 38 + 38 + 38 + o 112 38 + 0 112

MMR

Many'	to Many
21	8 *
+ 38	8 *
+ 38	35
+ 38	58
+ 38	112 0
70	36
71	112 o
256	7
312	8 *
316	113
317	19
L	720
	120

FIG. 8



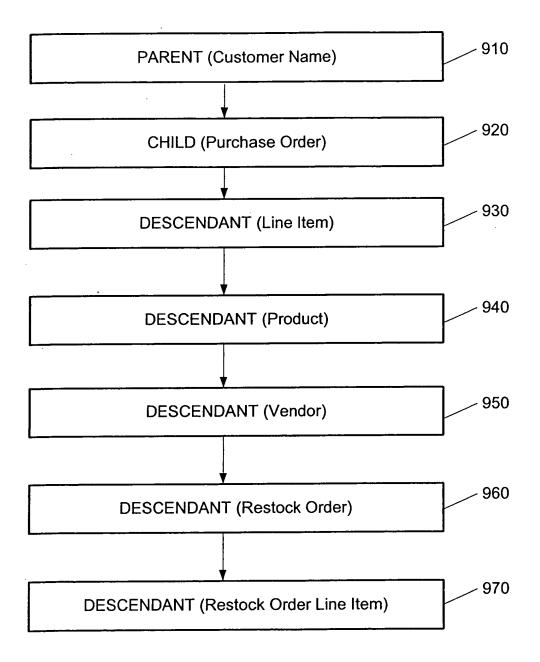
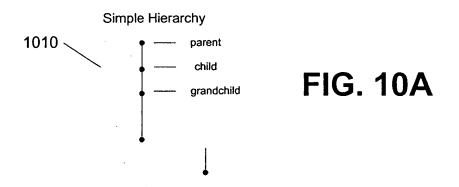
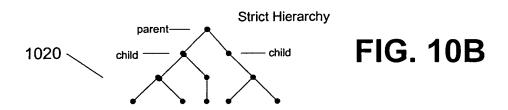
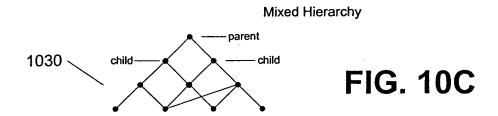


FIG. 9







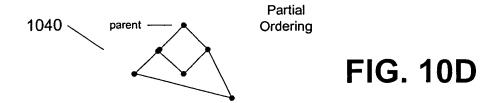
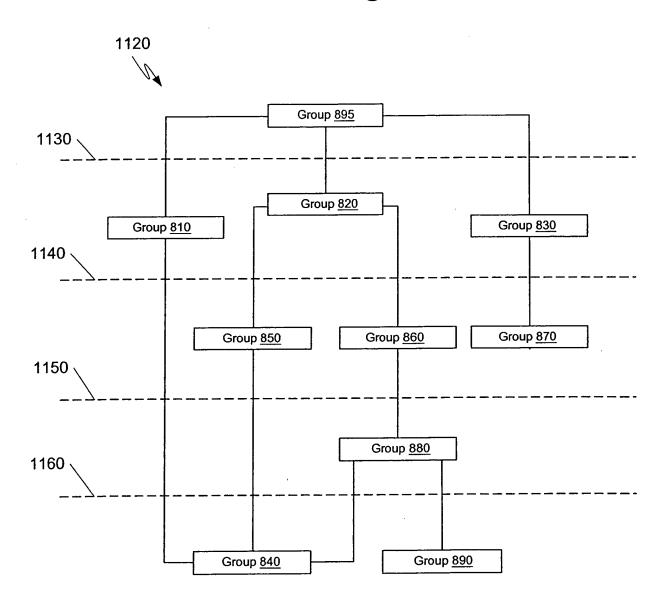
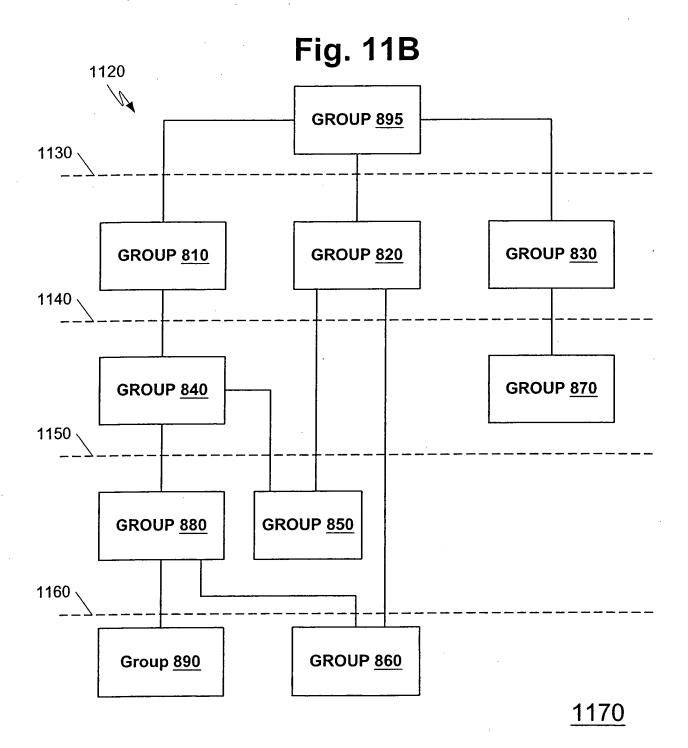
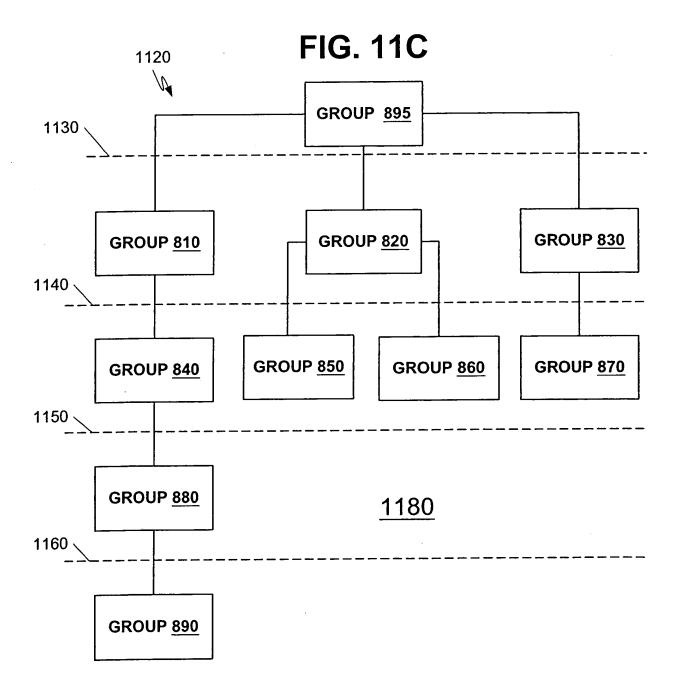


Fig.11A







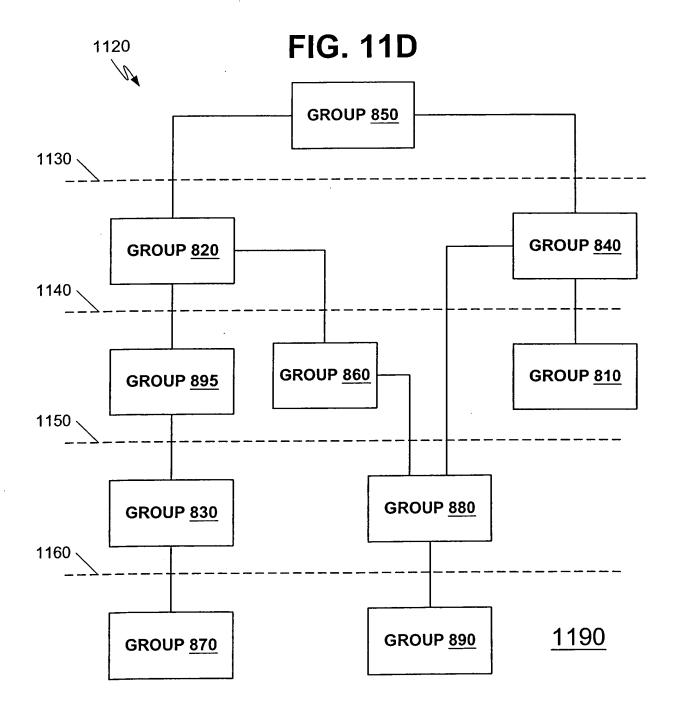


Fig. 12



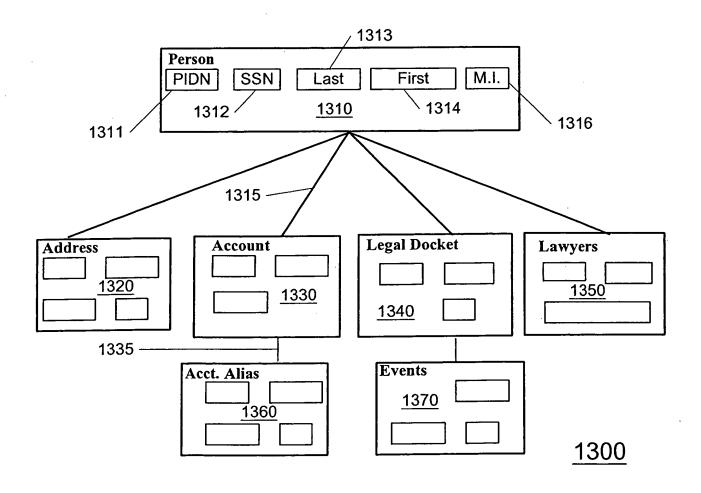


Fig. 13

FIG. 14

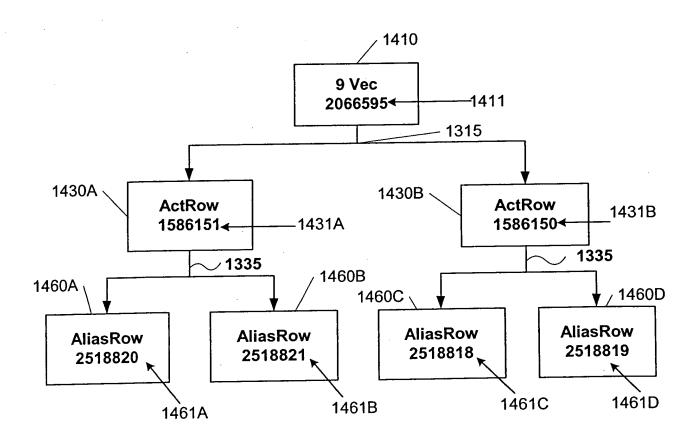
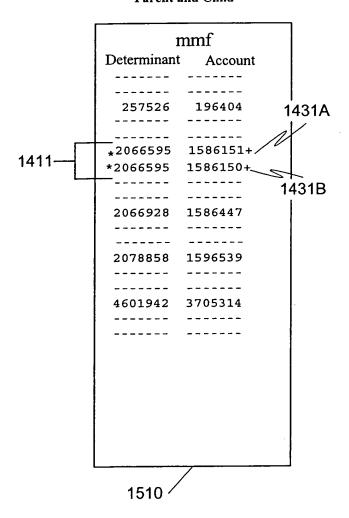


FIG. 15

Parent and Child



Child and Parent

Account Determinant 196404 257526 +1586150 2066595* +1586151 2066595* 1586447 2066928 1596539 2078858 3705314 4601942		nmr
196404 257526 		
+1586150 2066595* +1586151 2066595* 	Account	Determinant
+1586150 2066595* +1586151 2066595* 		
+1586150 2066595* +1586151 2066595* 	196404	257526
+1586151 2066595* 1586447 2066928 1596539 2078858 3705314 4601942		
+1586151 2066595* 1586447 2066928 1596539 2078858 3705314 4601942		
1586447 2066928 		
1586447 2066928 1596539 2078858 3705314 4601942	+1586151	2066595*
1586447 2066928 1596539 2078858 3705314 4601942		
1596539 2078858 3705314 4601942		2066020
1596539 2078858 3705314 4601942		
3705314 4601942		
3705314 4601942	1596539	2078858
		
	· 	
	3705314	4601942
\		
1520		\ 1520

FIG. 16

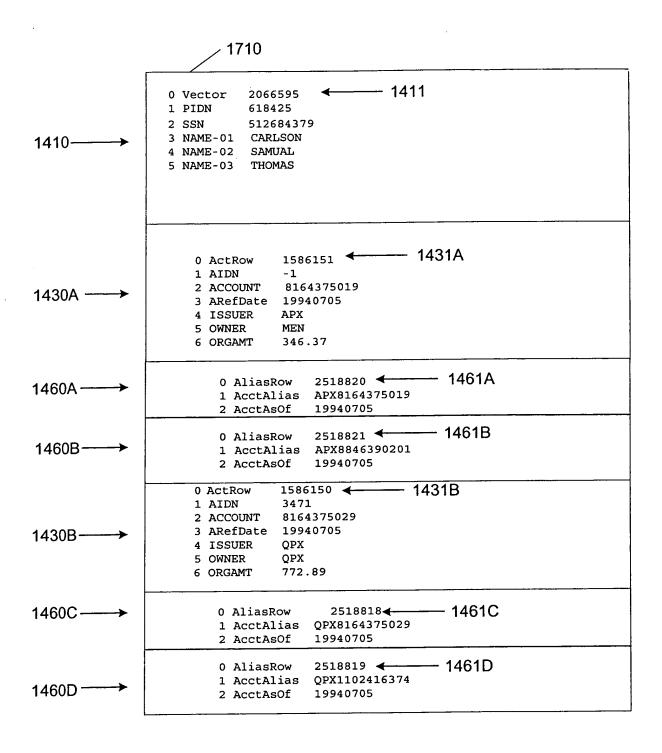
Child and Grandchild

mmf Account AcctAlias ----196404 285102 ----196404 285102 ----196405 2518818x 1461D 1431B +1586150 2518818x 1461A +1586151 2518821x +1586151 2518820x

Grandchild and Child

	mmr
AccAlias	Account
285102	196404
	1586150+
	1586150+
	1586151+
	1586151+
2519308	
2519309	
2535037	
2535037	1596559
	3705314
	3705311
	•
	1620





1700

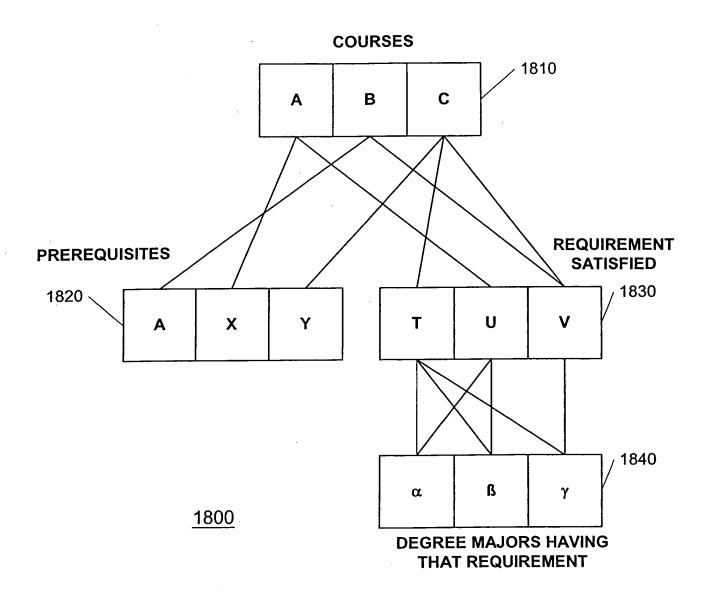


FIG. 18

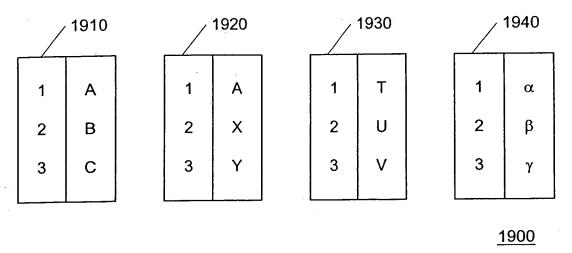


FIG. 19

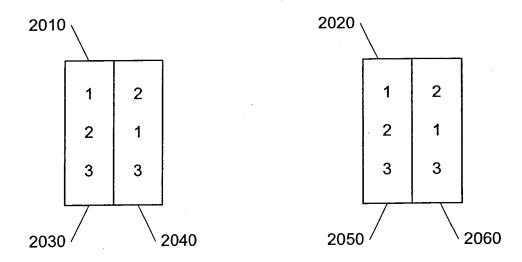
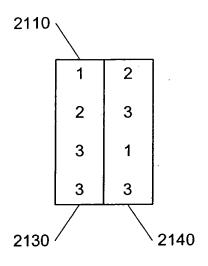


FIG. 20A

FIG. 20B



1 3 2 1 3 2 3 3 2150 2160

FIG. 21A

FIG. 21B

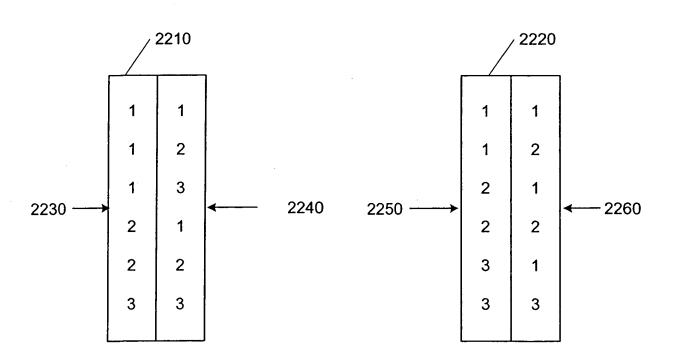


FIG. 22A

FIG. 22B

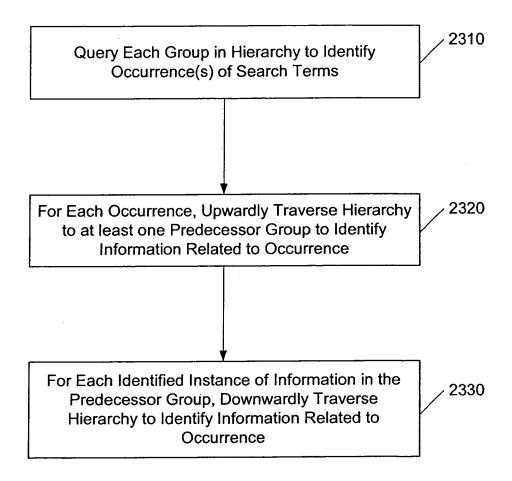


FIG. 23

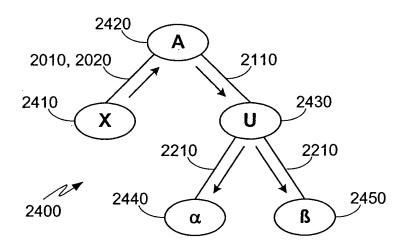


FIG. 24

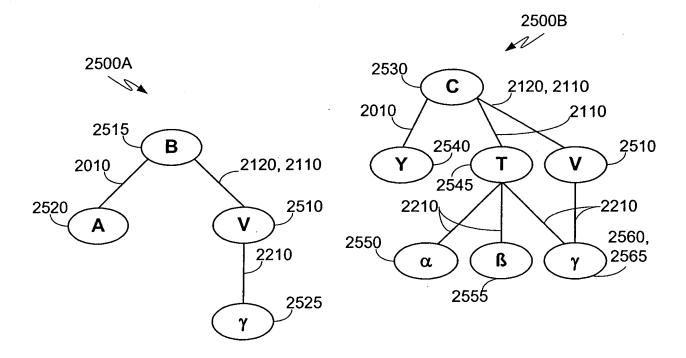


FIG. 25